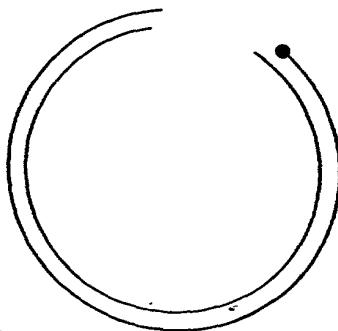


LINEAR VECTORS



CIRCULAR VECTORS

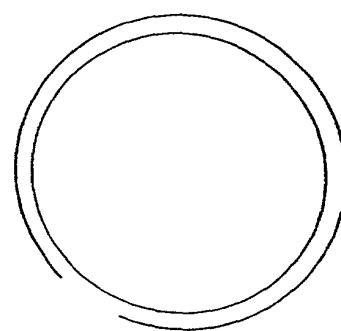
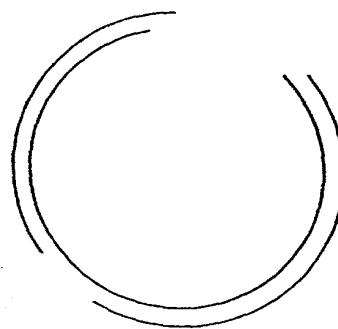
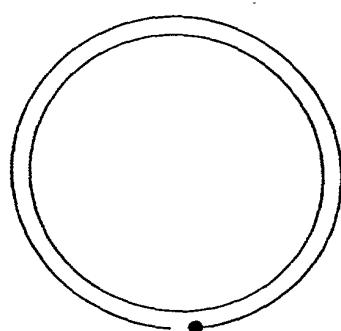
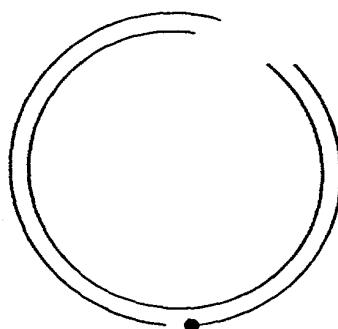
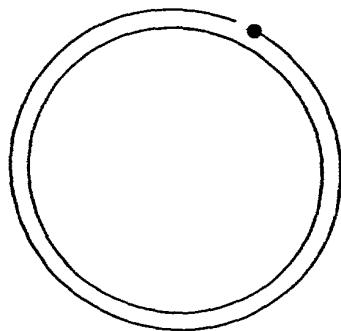


FIG. 1A

FIG. 1B

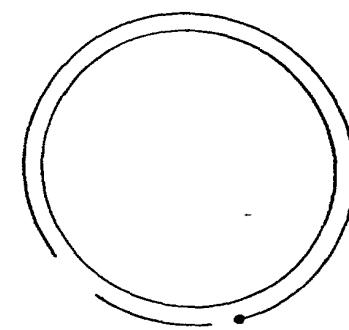
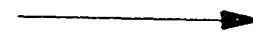
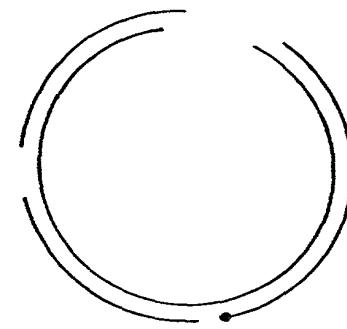
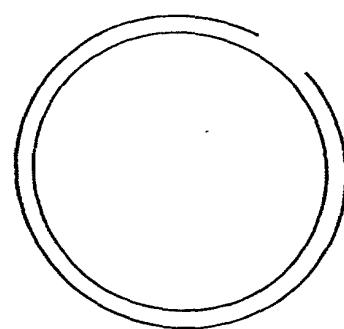
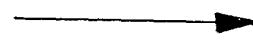
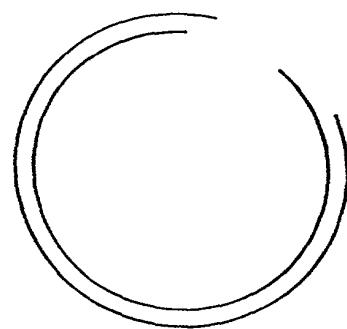
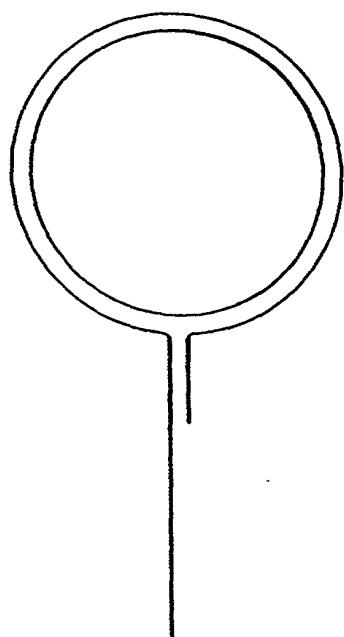
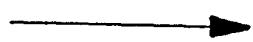
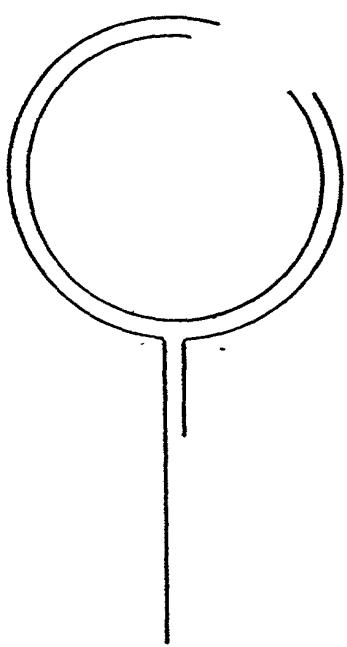


FIG. 1C

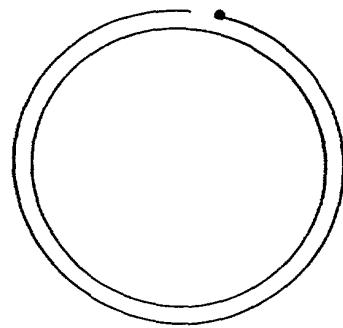
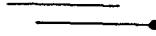
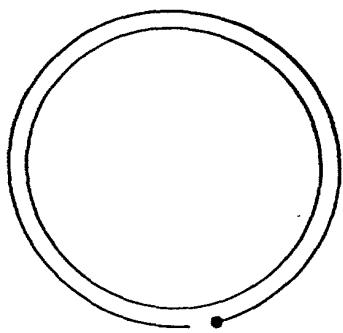
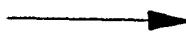
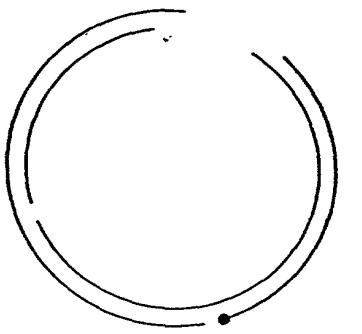
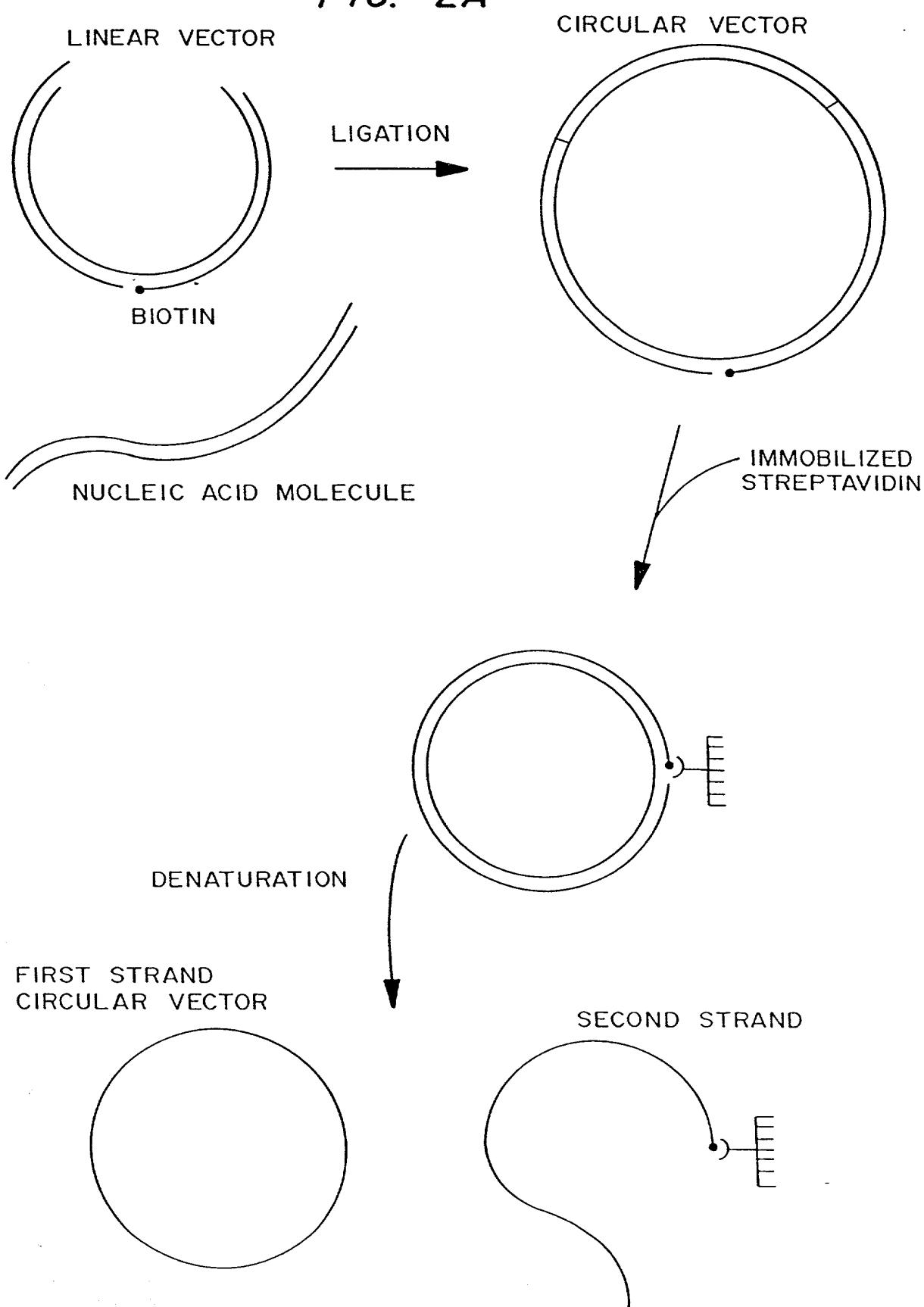
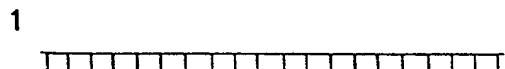
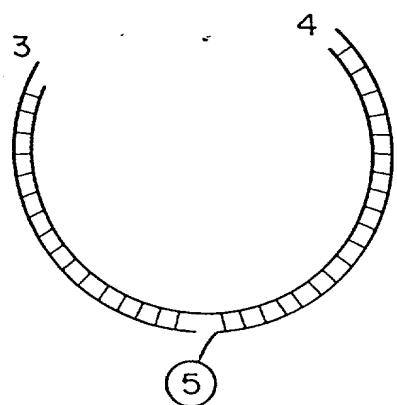


FIG. 2A





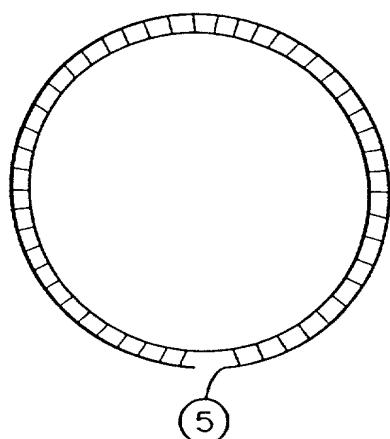
INSERT



VECTOR

1, 3 ARE COMPATIBLE
STICKY ENDS

2,4 ARE BLUNT ENDS



INSERT HAS BEEN LIGATED
INTO VECTOR

5 IS BIOTIN OR ANY HAPten

FIG. 2B

FIG. 3

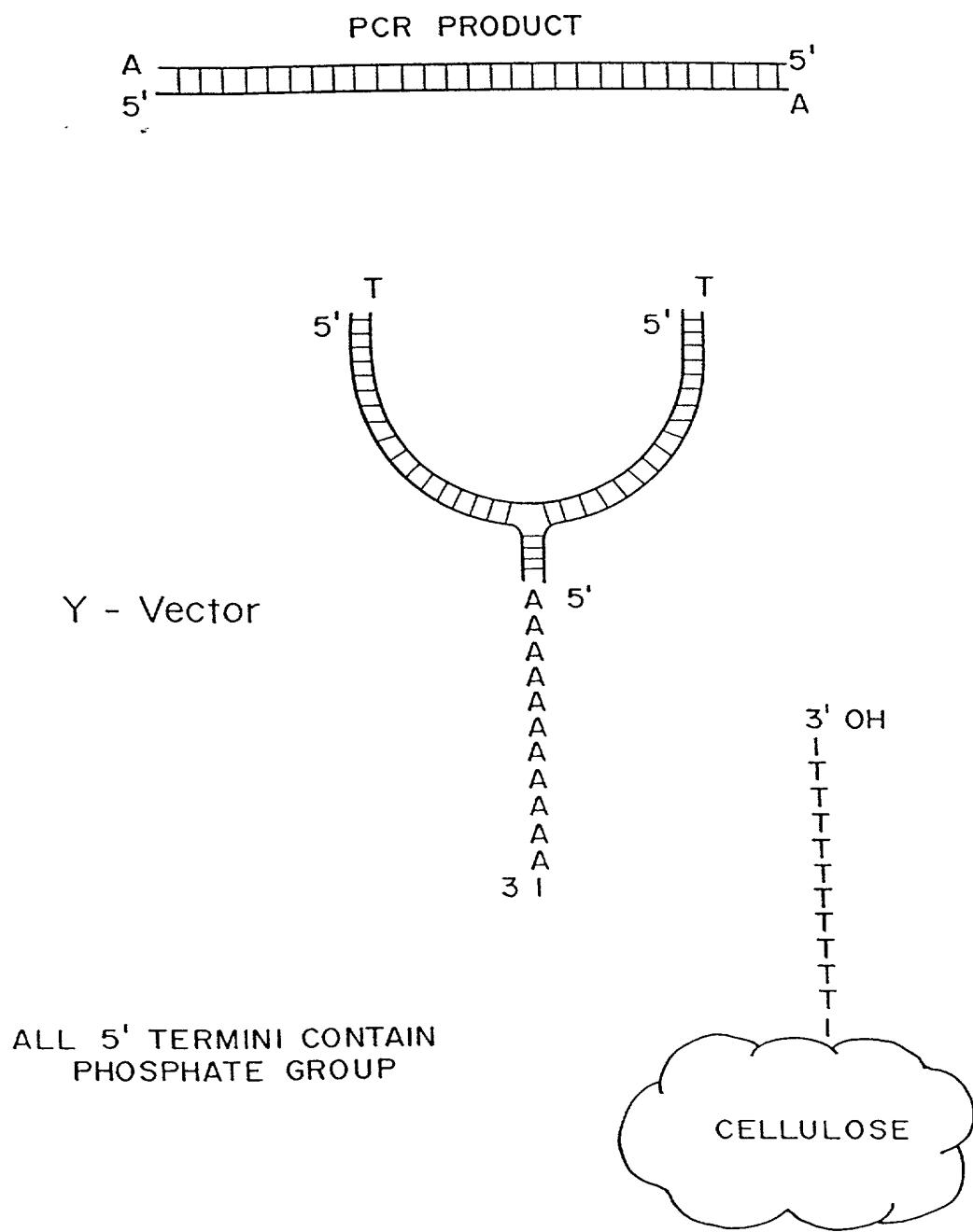
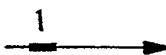
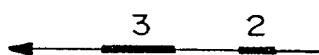


FIG. 4

PRIMER



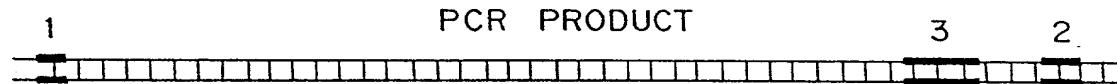
PRIMER



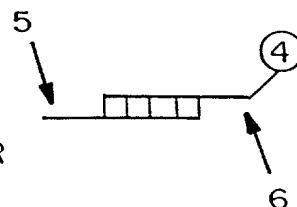
1

PCR PRODUCT

3 2



LINKER-ADAPTOR



1, 2, 3 ARE RESTRICTION SITES

5, 6 ARE STICKY ENDS COMPATIBLE WITH 1 AND 2

4 IS BIOTIN OR ANY HAPten

DIGESTED PCR PRODUCT LIGATED TO ADAPTOR

